

Docket No.: 4590-283

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventor(s): Marc CHENU-TOURNIER et al.

U.S. Patent Application No. 10/807,458

Filed: March 24, 2004

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:  
: Confirmation No. 2930  
:  
: Group Art Unit: 2661  
:  
: Examiner:

For: METHOD TO INCREASE THE CAPACITY OF A TRANSMISSION SYSTEM  
USING WAVEFORMS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

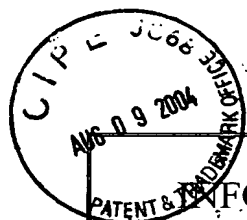
Respectfully submitted,

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Date: August 9, 2004



**INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION  
(PTO-1449)**

ATTY. DOCKET NO.  
**4590-283**

U.S. PATENT  
APPLICATION NO.  
**10/807,458**

APPLICANT  
**Marc CHENU-TOURNIER et al.**

FILING DATE  
**March 24, 2004**

GROUP  
**2661**

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	<b>6 307 851</b>	<b>2001-10-23</b>	<b>Baier Paul-Walter et al</b>			

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	<b>2,828,615A</b>	<b>02-14-2003</b>	<b>FR</b>				

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>"The Performance of Multi-Carrier with Base Station Antenna Arrays in Fading Channels", Tian Q et al, Tokyo Japan 2000-Spring. Vol.2 of 3 conf. 51, 15-18 May 2000, pages 1498-1502.</b>
	<b>"Inter-carrier Interference in MIMO OFDM" Suhas Diggawi et al, vol. 1 of 5, April 28, 2002; May 2, 2002, pages 485-489.</b>

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.